

**Deleterious Substances for Concrete Aggregates
(2023 Standard Specifications)**

In accordance with Section 6-02.3(2)A test results shall be no older than one year.

9-03.1(2)A Fine Aggregate AASHTO M 6

Source ID:	
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Property	AASHTO Test Method	ASTM Test Method	Requirements (shall not exceed)	Yes	No (Show value)
Material finer than No. 200 Sieve	T 11	C 117	2.5% by weight		
Clay lumps and Friable Particles	T 112	C 142	3.0% by weight		
Coal and Lignite	T 113	C 123	0.25% by weight		
Particles of specific gravity less than 2.00	T 113	C 123	1.0% by weight		
Organic impurities (Note 1)	T 21	C 40	Less than No.3 plate		

Note 1 – A darker color results from AASHTO T 21 may be used provided that when tested for the effect of organic impurities on strength of mortar, the relative strength at 7 days, calculated in accordance with AASHTO T 71, is not less than 95%.

Remarks:

9-03.1(4)A Coarse Aggregate AASHTO M 80

Source ID:	
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Property	AASHTO Test Method	ASTM Test Method	Requirement (shall not exceed)	Yes	No (Show value)
Material finer than No. 200 Sieve (Note 1)	T 11	C 117	1.0% by weight		
Clay Lumps and Friable Particles	T 112	C 142	2.0% by weight		
Shale	T 113	C 123	2.0% by weight		
Wood Waste	T 113	C 123	0.05% by weight		
Coal and Lignite	T 113	C 123	0.5% by weight		
Sum of Clay Lumps, Friable Particles, and Chert (Less than 2.40 specific gravity SSD)	T 113	C 123	3.0% by weight		

Note 1 – If the material finer than the No. 200 sieve is free of clay and shale, this percentage may be increased to 1.5%.

Remarks: